

BUREAU OF AIR POLLUTION CONTROL

901 SOUTH STEWART STREET SUITE 4001

CARSON CITY, NEVADA 89701-5249

p: 775-687-9350 • www.ndep.nv.gov/bapc • f: 775-687-6396

Facility ID No. A0005

Draft Permit No. AP1041-0739.02

**CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS**

Issued to: BARRICK GOLDSTRIKE MINES, INC., hereafter called the Permittee

Mailing Address: P.O. BOX 29, ELKO, NEVADA 89803

Physical Address: 27 MILES NORTH OF CARLIN, NEVADA OFF STATE ROUTE 766.

General Facility Location:

SECTIONS 1-4, T 35N, R 49E

SECTIONS 12-15, 21-28, AND 33-36, T 36N, R 49E

SECTIONS 7-9, 16-21, AND 28-32, T 36N, R 50E, MDB&M (HA 61: BOULDER FLAT) (EUREKA COUNTY)

NORTH 4,538.50 km, EAST 552.10 km; UTM ZONE 11 (NAD 83)

Emission Unit List:

A. System 01 - Mill #1 Lime Silo

S 2.001 Lime silo, 120 ton, loading
PF 1.009 Lime silo, 120 ton, discharge to screw conveyor
PF 1.009.1 Lime silo, 120 ton, screw conveyor transfer to mill conveyor

B. System 02 – Boulder Valley Water Treatment Plant Lime Silo

S 2.080 Lime silo, 500 ton, loading
PF 1.027 Lime silo, 500 ton, discharge to screw conveyor
PF 1.028 Lime silo, 500 ton, screw conveyor transfer to mill conveyor

C. System 03 – Removed as part of the Renewal Process

D. System 04 - Boilers #2 and #3 Autoclave Circuit

S 2.022 Boiler #2, Foster Wheeler model No. AG-5110B
S 2.023 Boiler #3, Foster Wheeler model No. AG-5110B

E. System 05 - Boiler #4 Autoclave Circuit

S 2.024 Boiler #4, Foster Wheeler model No. AG-5175C

F. System 06 - Autoclave Lime Silo #5

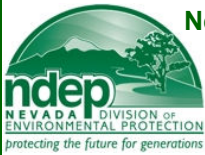
S 2.031.1 Lime silo #5, 28 ton, loading
PF 1.021.1 Lime silo #5, 28 ton, discharge to screw conveyor
PF 1.021.2 Lime silo #5, 28 ton, screw conveyor transfer

G. System 07 – Mill #2 Lime Silo

S 2.002 Lime silo, 120 ton, loading
PF 1.016 Lime silo, 120 ton, discharge to screw conveyor
PF 1.016.1 Lime silo, 120 ton, screw conveyor transfer

H. System 08 - Magnesium Oxide Silo Boulder Valley Water Treatment Plant

S 2.081 Magnesium oxide silo, 200 ton, loading
PF 1.029 Magnesium oxide silo, 200 ton, discharge to screw conveyor
PF 1.030 Magnesium oxide silo, 200 ton, screw conveyor transfer



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Emission Unit List (continued)

I. System 09 - Roaster Primary Crushing and Conveyance

- S 2.201.1 Dump hopper
- S 2.201.2 Gyratory crusher
- S 2.201.3 Apron feeder
- S 2.201.4 Transfer conveyor transfer to feed conveyor
- S 2.201.5 Baghouse hopper transfer to feed conveyor

J. System 10 - Roaster Dump Hopper

- PF 1.201 Primary crusher dump hopper loading (process fugitive emissions)

K. System 11 - Roaster Secondary Crushing and Conveyance

- S 2.202.1 Feed conveyor transfer to screen
- S 2.202.2 Screen
- S 2.202.3 Screen transfer to stacking conveyor
- S 2.202.4 Cone crusher
- S 2.202.5 Cone crusher transfer to stacking conveyor
- S 2.202.6 Baghouse hopper transfer to stacking conveyor

L. System 12 - Roaster Crushed Ore Conveyance

- PF 1.202 Coarse ore stacking conveyor

M. System 13 - Ore/Lime Mills Feed Process

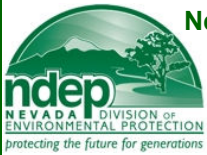
- S 2.203.1 Mill #1 apron feed system transfer
- S 2.203.2 Mill #2 apron feed system transfer
- S 2.203.3 Emergency Mill #1 apron feed system transfer
- S 2.203.4 Emergency Mill #2 apron feed system transfer
- S 2.203.5 Lime transfer to Mill #1 or Mill #2 belt conveyor
- S 2.203.6 Baghouse hopper transfer to Mill #2 feed conveyor

N. System 14 - Emergency Reclaim Hoppers (Loading) Process

- PF 1.203.1 Mill #1 hopper
- PF 1.203.2 Mill #2 hopper

O. System 15A - Roaster Mill Circuit: Mill #1 Air Pre-heater

- S 2.204 Mill #1 air pre-heater



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Emission Unit List (continued)

O. System 15B - Roaster Mill Circuit: Mill #1 Dry Grinding Process

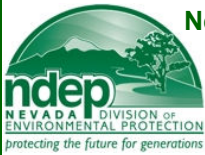
- S 2.205.01 Mill #1 feed conveyor
- S 2.205.02 Mill #1 double rotator grinding mill
- S 2.205.03 Mill #1 grinding mill to bucket elevator air slide system
- S 2.205.04 Mill #1 bucket elevator
- S 2.205.05 Mill #1 bucket elevator to dynamic classifier air slide system
- S 2.205.06 Mill #1 dynamic classifier
- S 2.205.07 Mill #1 dynamic classifier to grinding mill air slide system
- S 2.205.08 Mill #1 product recovery baghouse to roaster #1 silo air slide system
- S 2.205.09 Mill #1 pick-up point baghouse to roaster #1 silo air slide system
- S 2.205.10 Mill #1 static classifier
- S 2.205.11 Roaster #1 silo
- S 2.205.12 Ball chip removal system

P. System 16A - Roaster Mill Circuit: Mill #2 Air Pre-heater

- S 2.206 Mill #2 air pre-heater

P. System 16B - Roaster Mill Circuit: Mill #2 Drying Grinding Process

- S 2.207.01 Mill #2 feed conveyor
- S 2.207.02 Mill #2 double rotator grinding mill
- S 2.207.03 Mill #2 grinding mill to bucket elevator air slide system
- S 2.207.04 Mill #2 bucket elevator
- S 2.207.05 Mill #2 bucket elevator to dynamic classifier air slide system
- S 2.207.06 Mill #2 dynamic classifier
- S 2.207.07 Mill #2 dynamic classifier to grinding mill air slide system
- S 2.207.08 Mill #2 product recovery baghouse to roaster #2 silo air slide system
- S 2.207.09 Mill #2 pick-up point baghouse to roaster #2 silo air slide system
- S 2.207.10 Mill #2 static classifier
- S 2.207.11 Roaster #2 silo
- S 2.207.12 Ball chip removal system



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Q. System 17 - Roaster Circuit: Roaster #1 and Roaster #2 Feed Process

- S 2.208.01 Roaster #1 silo to feed box air slide system
- S 2.208.02 Feed box to roaster #1 belt air slide system
- S 2.208.03 Roaster #1 belt
- S 2.208.04 Roaster #1 belt to bucket elevator air slide system
- S 2.208.05 Roaster #1 bucket elevator
- S 2.208.06 Roaster #1 elevator to fluidized feeder air slide system
- S 2.208.07 Roaster #1 fluidized feeder
- S 2.208.08 Roaster #1 baghouse hopper transfer to feed box
- S 2.208.09 Coal transfer to roaster #1 - bucket elevator
- S 2.208.10 Roaster #2 silo to feed box air slide system
- S 2.208.11 Feed box to roaster #2 belt air slide system
- S 2.208.12 Roaster #2 belt
- S 2.208.13 Roaster #2 belt to bucket elevator air slide system
- S 2.208.14 Roaster #2 bucket elevator
- S 2.208.15 Roaster #2 elevator to fluidized feeder air slide system
- S 2.208.16 Roaster #2 fluidized feeder
- S 2.208.17 Roaster #2 baghouse hopper transfer to feed box
- S 2.208.18 Coal transfer to roaster #2 - bucket elevator

R. System 18 - Roaster Circuit: Ore Roasting Process

- S 2.209.1 Roaster #1
- S 2.209.2 Roaster #2

S. System 19 - Roaster Circuit: Quenching Process

- S 2.210 Roaster #1 quench tank
- S 2.211 Roaster #2 quench tank

T. System 20 - Ancillary Roaster Processes: Coal Silo

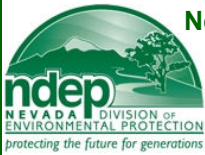
- S 2.212 Coal silo, 200 ton, loading
- PF 1.204 Coal silo discharge to screw conveyor

U. System 21 - Ancillary Roaster Processes: Propane Vaporizers

- S 2.213 Propane vaporizer #1
- S 2.214 Propane vaporizer #2
- S 2.215 Propane vaporizer #3

V. System 22 - Ancillary Roaster Processes: Slaked Lime Silo

- S 2.216 Lime silo, slaking, 1,000 ton, loading
- PF 1.205 Lime silo, slaking, discharge to screw conveyor



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Emission Unit List (continued)

W. System 23 - Ancillary Roaster Processes: Roaster Mill Lime Silo

S 2.217 Roaster mill lime silo, 500 ton, loading
PF 1.206 Roaster mill lime silo discharge to mill #1 screw conveyor
PF 1.207 Roaster mill lime silo discharge to mill #2 screw conveyor

X. System 24 - Ancillary Roaster Processes: Soda Ash Silo

S 2.218 Soda ash silo, 200 ton, loading
PF 1.208 Soda ash silo discharge to screw conveyor

Y. System 25 - Ancillary Roaster Processes: Fuel Oil Storage

S 2.219 Fuel Oil storage tank, 16,000 gallon capacity

Z. System 26 - Ancillary Roaster Processes: Liquid Oxygen Vaporizer

S 2.220 Liquid oxygen vaporizer

AA. System 27 - Ancillary Roaster Processes: Vacuum Housekeeping System

S 2.221 Vacuum housekeeping system

AB. System 28 - Ancillary Roaster Processes: Scrubber Water Cooling Tower

S 2.222 Scrubber water cooling tower

AC. System 29 - Ancillary Roaster Processes: Quench Water Cooling Tower

S 2.223 Quench water cooling tower

AD. - AV. Systems 30 through 48 – Removed from Permit on January 3, 2002

AW. System 49 - Meikle Backfill/Cement Feed Plant Feed Hopper

PF 1.119 Feed hopper (loading)
PF 1.120 Feed hopper (discharge)

AX. System 50 - Meikle Backfill/Cement Feed Plant Feed Conveyor

PF 1.121 Feed conveyor (discharge)

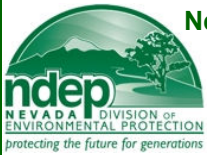
AY. System 51 - Meikle Backfill/Cement Feed Plant Silo #1

S 2.101 Cement/ash silo #1 (loading)
PF 1.122 Cement/ash silo #1 (discharge)
PF 1.122.1 Cement/ash silo #1 (screw conveyor transfer)

AZ. System 52 - Meikle Backfill/Cement Feed Plant Silo #2

S 2.102 Cement/ash silo #2 (loading)
PF 1.123 Cement/ash silo #2 (discharge)
PF 1.123.1 Cement/ash silo #2 (screw conveyor transfer)

BA. System 53 - Surface Concrete Batch Plant Cement/Fly Ash Silo - Removed from permit November 2006



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Emission Unit List (continued)

BB. System 54 - Surface Concrete Batch Plant Cement/Fly Ash Silo - Removed from permit November 2006

BC. System 55 - Surface Concrete Batch Plant - Removed from permit November 2006

BD. System 56 - Surface Concrete Batch Plant - Removed from permit November 2006

BE. System 57 – Removed: Not constructed, removed from inventory November 19, 1999.

BF. System 58 - Surface Concrete Batch Plant - Removed from permit November 2006

BG. System 59 - Meikle Shotcrete Load-out Station

PF 1.325 Delivery truck (discharge)

BH. System 60 - Meikle Shotcrete Loadout Station

PF 1.326 Screw conveyor (discharge)

BI. System 61 - Carbon Reactivation Kiln #2

S 2.004.1 Carbon kiln #2 drum

S 2.004.2 Carbon kiln #2 burner

BJ. System 62 - Meikle Production Shaft

PF 1.101 Skips - discharge/transfer to upper chute

PF 1.102 Upper chute discharge - transfer to one of two transfer cars

PF 1.103 Transfer cars discharge - transfer to one of two lower chutes

PF 1.104 Bins loading - lower chutes discharge to one of two bins

PF 1.105 Bins discharge - transfer to haul truck

BK. System 63 – Autoclave Silos #1 through #4

S 2.028 Silo #1, 250 ton, loading

PF 1.018 Silo #1, 250 ton, discharge

S 2.029 Silo #2, 500 ton, loading

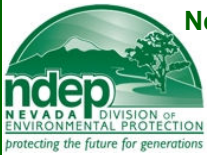
PF 1.019 Silo #2, 500 ton, discharge

S 2.030 Silo #3, 500 ton, loading

PF 1.020 Silo #3, 500 ton, discharge

S 2.031 Silo #4, 1,000 ton, loading

PF 1.021 Silo #4, 1,000 ton, discharge



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BL. System 64 - Mill #1 Primary and Tertiary Crushing Process

PF	1.001	Ore hopper
PF	1.003	Jaw crusher
PF	1.004	Apron feeder
PF	1.005	Cone crusher
PF	1.005.01	Conveyor (cone outlet)
PF	1.006	Conveyor #001 (jaw outlet)
PF	1.007	Conveyor/radial stacker #002
PF	1.008	Conveyor #003 (mill inlet)
PF	1.008.1	Apron feeders (load and discharge)

BM. System 65 - Mill #2 Primary and Tertiary Crushing Process

PF	1.010	Conveyor #304 (fixed stacker)
PF	1.011	Dump pocket
PF	1.012	Gyratory crusher
PF	1.013	Conveyor #101 (gyratory outlet)
PF	1.014	Cone crusher
PF	1.014.1	Conveyor (cone outlet)
PF	1.015	Conveyor #301 (mill inlet)
PF	1.015.1	Apron feeders (loading and discharge)

BN. System 66 - Autoclave Circuit

S	2.015	Autoclave #1
S	2.016	Autoclave #2
S	2.017	Autoclave #3
S	2.018	Autoclave #4
S	2.019	Autoclave #5
S	2.020	Autoclave #6

BO. System 67 - Mercury Retorts

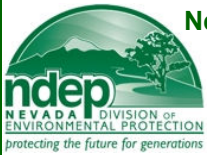
S	2.009	Mercury retort #1
S	2.010	Mercury retort #2
S	2.011	Mercury retort #3

BP. System 68 - Furnaces

S	2.013	West melting furnace
S	2.014	East melting furnace

BQ. System 69 - Analytical Laboratories Sample Preparation

S	2.033.1	Crushers
S	2.033.2	Pulverizers
S	2.033.3	Sample reject conveyor



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Emission Unit List (continued)

BR. System 70 - Analytical Laboratory, Fire Assay Facility

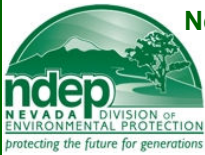
- S 2.051.1 Assay furnaces
- S 2.051.2 Tumbler
- S 2.051.3 Mixed flux dispenser
- S 2.051.4 Drag conveyor
- S 2.051.5 Furnace tables
- S 2.051.6 Waste crusher

BS. System 71 - Metallurgical Laboratory Sample Preparation

- S 2.067.1 Crusher
- S 2.067.2 Crusher
- S 2.067.3 Pulverizer

BT. System 72 - Metallurgical Laboratory, Fire Assay Facility

- S 2.074 Bench-top roasters



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Emission Unit List (continued)

BU. System 73 - AA Block Heap Leach Lime Silo – Removed from Permit on December 27, 2005

BV. System 74 - Propane Vaporizers

- S 2.025 Propane vaporizer #1
- S 2.026 Propane vaporizer #2
- S 2.027 Propane vaporizer #3

BW. System 75 - Fuel Storage Tanks

- S 2.080 Fuel oil storage tank, 150,000 gallons
- S 2.081 Fuel oil storage tank, 250,000 gallons
- S 2.082 Gasoline storage tank, 12,000 gallons
- S 2.083 Fuel oil storage tank, 34,200 gallons

BX. System 76 - Meikle Mine Air Heaters

- S 2.104 Air heater #1
- S 2.105 Air heater #2
- S 2.106 Air heater #3
- S 2.107 Air heater #4

BY. System 77 - Rodeo Shaft

- PF 1.125 Skip (discharge)
- PF 1.126 Chute (discharge)

BZ. System 78 - Cooling Tower

- S 2.224 Oxygen plant cooling tower

CA. - CB. Systems 79 and 80 – Removed as part of the Renewal Process

CC. System 81 - Rodeo Backfill Mixing Plant Cement/Fly Ash Silos #1 and #2

- S 2.303 Cement/fly ash silo #1 (loading)
- S 2.304 Cement/fly ash silo #2 (loading)
- PF 1.335 Cement/fly ash silo #1 discharge/transfer to screw conveyor
- PF 1.336 Cement/fly ash silo #2 discharge/transfer to screw conveyor

CD. System 82 - Rodeo Backfill Mixing Plant Slurry Mixer

- PF 1.340 Mixer loading

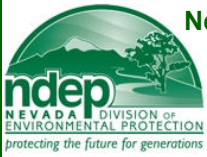
CE. - CF. Systems 83 and 84 – Removed from Permit on January 3, 2002

CG. System 85 - Rodeo Backfill Feed Plant Aggregate Feed

- PF 1.347 Feed hopper loading

CH. System 86 - Rodeo Shotcrete Loadout Station

- PF 1.350 Delivery truck discharge
- PF 1.351 Screw conveyor discharge



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Emission Unit List (continued)

CI. System 87 - Rodeo Mine Air Heaters

- S 2.307 Mine air heater #1
- S 2.308 Mine air heater #2
- S 2.309 Mine air heater #3
- S 2.310 Mine air heater #4

CJ. System 88 - Backup Crushing System

- PF 1.352 Crusher feeder (load)
- PF 1.353 Crusher feeder (discharge)
- PF 1.354 Primary crusher
- PF 1.355 Crusher outlet conveyor transfer
- PF 1.356 Conveyor transfer
- PF 1.357 Hopper (load)
- PF 1.358 Hopper (discharge)
- PF 1.359 Conveyor transfer

CK. System 89 – Removed from Permit on January 3, 2002

CL. System 90 - Electric Power Generators

- S 2.311.1 Diesel-fueled engine electric generator #1 (autoclave) (MP-750, Autoclave)
- S 2.311.2 Diesel-fueled engine electric generator #2 (autoclave) (MP-598, Autoclave)
- S 2.311.3 Diesel-fueled engine electric generator #3 (autoclave) (MP-606, Autoclave)
- S 2.311.4 Diesel-fueled engine electric generator #4 (autoclave) (MP-607, Autoclave)

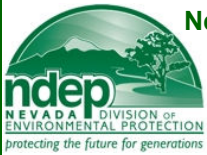
CM. System 91 - Electric Power Generators

- S 2.312.1 Diesel-fueled engine electric generator #5 (Mill) (MP-608, Mill)
- S 2.312.2 Diesel-fueled engine electric generator #10 (Meikle) (KCG-002, Meikle)

CN. System 92 - Electric Power Generators

- S 2.313.1 Diesel-fueled engine electric generator #6 (Roaster) (MP-610, Roaster)
 - S 2.313.2 Diesel-fueled engine electric generator #7 (Roaster) (MP-705, Roaster)
 - S 2.313.3 Diesel-fueled engine electric generator #8 (Roaster) (MP-706, Roaster)
 - S 2.313.4 Diesel-fueled engine electric generator #9 (Rodeo) (MP-704, Rodeo)
- Removed S2.313.5 Diesel-fueled engine electric generator #12 (Boulder Valley) as part of renewal process

CO. System 93 – Removed as part of the Renewal Process



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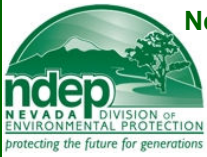
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Emission Unit List (continued)

Emissions Cap: Systems 90, 91 & 92 - Electric Power Generators (See Section VII.B)

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|---|---------|--|
| S | 2.311.1 | Diesel-fueled engine electric generator #1 (autoclave) (MP-750, Autoclave) |
| S | 2.311.2 | Diesel-fueled engine electric generator #2 (autoclave) (MP-598, Autoclave) |
| S | 2.311.3 | Diesel-fueled engine electric generator #3 (autoclave) (MP-606, Autoclave) |
| S | 2.311.4 | Diesel-fueled engine electric generator #4 (autoclave) (MP-607, Autoclave) |
| S | 2.312.1 | Diesel-fueled engine electric generator #5 (Mill) (MP-608, Mill) |
| S | 2.312.2 | Diesel-fueled engine electric generator #10 (Meikle) (KCG-002, Meikle) |
| S | 2.313.1 | Diesel-fueled engine electric generator #6 (Roaster) (MP-610, Roaster) |
| S | 2.313.2 | Diesel-fueled engine electric generator #7 (Roaster) (MP-705, Roaster) |
| S | 2.313.3 | Diesel-fueled engine electric generator #8 (Roaster) (MP-706, Roaster) |
| S | 2.313.4 | Diesel-fueled engine electric generator #9 (Rodeo) (MP-704, Rodeo) |



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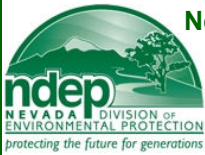
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Emission Unit List (continued)

CP. System 95 - Backfill Crushing and Screening Plant

PF	1.400-.401	Jaw crusher pan feeders 1 and 2 (load)
PF	1.402-.403	Jaw crusher pan feeders 1 and 2 (discharge)
PF	1.404-.405	Jaw crushers 1 and 2
PF	1.406	Cone crusher 1 and transfer belts
PF	1.408-.409	Screens 1 & 2 and transfer belts
PF	1.411	Truck load-out surge bin (discharge)
PF	1.415-.416	Jaw Crusher outlet conveyors 1 and 2
PF	1.417-.425	Conveyor transfers
PF	1.433	Stacker conveyor transfer
PF	1.434	Conveyor transfer

CQ. System 96 - Shotcrete Plant with Aggregate Dryer – Removed as part of the Renewal Process



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Emission Unit List (continued)

CR. System 97 - Intermediate Crushing System (Mill #1)

PF	1.457.1	Feed hopper and feeder (load)
PF	1.457.2	Feed hopper and feeder (discharge)
PF	1.458	Conveyor transfer
PF	1.459	Double deck screen
PF	1.460	Double deck screen under conveyor transfer
PF	1.461	Conveyor transfer
PF	1.462	Conveyor transfer
PF	1.463	Cone crusher
PF	1.464	Stacker conveyor

CS. System 98 – Indoor Air Dust Removal System

S	2.084	Dust Removal System
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CT. System 99A – Portable Batch Plant A

S	2.085	Cement Silo/Guppy #1 Loading
PF	1.465	Cement Silo/Guppy #1 transfer to Silo/Guppy #1 Conveyor
PF	1.466	Silo/Guppy #1 Conveyor Discharge

CU. System 99B – Portable Batch Plant B

S	2.086	Cement Silo/Guppy #2 Loading
PF	1.467	Cement Silo/Guppy #2 transfer to Silo/Guppy #2 Conveyor
PF	1.468	Silo/Guppy #2 Conveyor Discharge

CV. System 99C – Portable Batch Plant C

PF	1.469	Bin Loading
PF	1.470	Bin transfer to Bin Conveyor

CW. System 99D – Portable Batch Plant D - Removed March 30, 2007

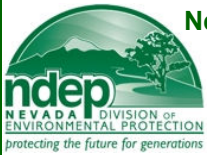
CX. System 99E – Portable Batch Plant E - Removed March 30, 2007

CY. System 99F – Portable Batch Plant F

PF	1.476	Central Mixer Loading
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CZ. System 100 - Meikle Backfill/Cement Feed Plant Silo #3

S	2.087	Silo #3 Loading
PF	1.477	Silo #3 transfer to Silo #3 Conveyor
PF	1.478	Silo #3 Conveyor Discharge



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0005 Draft Permit No. AP1041-0739.02

**CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS**

Issued to: BARRICK GOLDSTRIKE MINES, INC., as Permittee
Emission Unit List (continued)

DA. System 101 - Meikle Shotcrete Loadout Station Extension

PF 1.479 Conveyor #2 Discharge
PF 1.480 Conveyor #3 Discharge

DB. System 102 – Rodeo Shotcrete Loadout Station Silo #1

S 2.088 Silo #1 Loading
PF 1.481 Silo #1 transfer to Silo #1 Conveyor
PF 1.482 Silo #1 Conveyor Discharge

DC. System 103A – Ore Fines Feed System

PF 1.483 Hopper (Loading)
PF 1.484 Hopper (discharge)
PF 1.485 Screw Conveyor transfer to Bucket Elevator

DD. System 103B – Ore Fines Feed System (Ore Fines Drying and Storage System)

S 2.316.1 Fluid Bed Dryer
S 2.316.2 Surge Bin
S 2.316.3 Dense Phase Pneumatic Conveying System
S 2.316.4 Ore Fines Silo, 30 ton (loading)

DE. System 104 – Fuel Oil Storage Tank

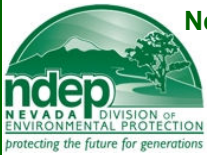
S 2.317 Fuel Oil Storage Tank, 250,000 gallons

DF. System 105 - Mobile Boiler

S 2.318 Mobile Boiler, 13.2 MMBtu

DG. System 106 – Autoclave Mixing Tank

S 2.319 Autoclave Mixing Tank Loading



BUREAU OF AIR POLLUTION CONTROL

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CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS

Issued to: BARRICK GOLDSTRIKE MINES, INC., as Permittee

Section I. General Conditions

A. Nevada Administrative Code (NAC) 445B.315.3.c, Part 70 Program

Severability

Each of the conditions and requirements of this Operating Permit is severable and, if any are held invalid, the remaining conditions and requirements continue in effect.

B. Nevada Revised Statute (NRS) 445B.470.1 (State Only Requirement)

Prohibited Acts

The Permittee shall not knowingly:

1. Violate any applicable provision, the terms or conditions of any permit or any provision for the filing of information;
2. Fail to pay any fee;
3. Falsify any material statement, representation or certification in any notice or report; or
4. Render inaccurate any monitoring device or method, required pursuant to the provisions of NRS 445B.100 to 445B.450, inclusive, or NRS 445B.470 to 445B.640, inclusive, or any regulation adopted pursuant to those provisions.

C. NAC 445B.22013 (State Only Requirement)

Prohibited Discharge

The Permittee shall not cause or permit the discharge into the atmosphere from any stationary source of any hazardous air pollutant or toxic regulated air pollutant that threatens the health and safety of the general public, as determined by the Director.

D. NAC 445B.225 (State Only Requirement)

Prohibited Conduct: Concealment of Emissions

The Permittee shall not install, construct, or use any device which conceals any emission without reducing the total release of regulated air pollutants to the atmosphere.

E. State Implementation Plan (SIP) 445.663 (Federally Enforceable State Implementation Plan (SIP) Requirement)

Concealment of Emissions Prohibited

Except for the sole purpose of reducing the odor of an emission, the Permittee may not install, construct, or use any device which conceals any emission without reducing the total release of air contaminants to the atmosphere.

F. NAC 445B.315.3.d Part 70 Program

Compliance/Noncompliance

The Permittee shall comply with all conditions of this Operating Permit. Any noncompliance constitutes a violation and is grounds for:

1. An action for noncompliance;
2. Modifying, revoking, reopening and revising, or terminating the Operating Permit; or
3. Denial of an application for a renewal of the Operating Permit.

G. SIP 445.695.1 (Federally Enforceable SIP Requirement)

Time for Compliance

The Permittee's new and existing sources shall comply with SIP 445.430 to 445.846, inclusive. Existing sources are in compliance with these regulations and may continue to operate under the provisions of their approved compliance schedules, which may be amended from time to time.

H. NAC 445B.273.1 (State Only Requirement)

Schedules for Compliance

The Permittee shall comply with NAC 445B.001 through 445B.3497, inclusive. Existing stationary sources are in compliance with those sections and may continue to operate under the provisions of their approved compliance schedules, which may be amended from time to time.

I. NAC 445B.326.1 Part 70 Program

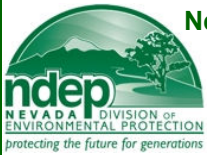
Assertion of Emergency as Affirmative Defense to Action for Noncompliance

The Permittee may assert an affirmative defense to an action brought for noncompliance with a technology-based emission limitation contained in the Operating Permit if the holder of the Operating Permit demonstrates through signed, contemporaneous operating logs or other relevant evidence that:

1. An emergency occurred as defined in NAC 445B.056, and the holder of the Operating Permit can identify the cause of the emergency;
2. The facility was being properly operated at the time of the emergency;
3. During the emergency, the holder of the Operating Permit took all reasonable steps to minimize excess emissions; and
4. The holder of the Operating Permit submitted notice of the emergency to the Director within 2 working days after the emergency. The notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken to restore the normal operation of the facility.

J. NAC 445B.315.3.e Part 70 Program

The need to halt or reduce activity to maintain compliance with the conditions of this Operating Permit is not a defense to noncompliance with any conditions of this Operating Permit.



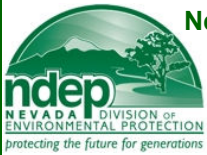
BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0005 Draft Permit No. AP1041-0739.02
CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS

Issued to: BARRICK GOLDSTRIKE MINES, INC., as Permittee

Section I. General Conditions (continued)

- K. NAC 445B.315.3.f Part 70 Program
The Director may revise, revoke and reissue, reopen and revise, or terminate the operating permit for cause.
- L. NAC 445B.325 Part 70 Program
Termination, reopening and revision, modification, and revocation and reissuance
1. A Class I operating permit must be reopened and revised to incorporate any additional applicable requirement adopted pursuant to the Act if, on the effective date of the applicable requirement, the operating permit has a remaining term of 3 or more years. The reopening must be completed no later than 18 months after the effective date of the applicable requirement.
2. An operating permit may be terminated, reopened and revised, modified, or revoked and reissued if:
a. The Director or the Administrator determines that the operating permit contains a material mistake or is based on inaccurate statements;
b. The Director or the Administrator determines that the operating permit, as written, does not ensure compliance with all applicable requirements; or
c. The Director determines that there has been a violation of any of the provisions of NAC 445B.001 to 445B.3497, inclusive, any applicable requirement, or any condition contained in the operating permit.
- M. NAC 445B.3265 (State Only Requirement)
Revocation and reissuance
1. NAC 445B. 3265.1. The Permittee's operating permit may be revoked if the control equipment is not operating.
2. NAC 445B.3265.2. The Permittee's operating permit may be revoked by the Director upon determination that there has been a violation of NAC 445B.001 to 445B.3497, inclusive, or the provisions of 40 CFR Part 52.21, or 40 CFR Part 60 or 61, Prevention of Significant Deterioration, New Source Performance Standards, and National Emission Standards for Hazardous Air Pollutants adopted by reference in NAC 445B.221.
3. NAC 445B.3265.3. -The revocation is effective 10 days after the service of a written notice, unless a hearing is requested.
- N. SIP 445.715 (Federally Enforceable SIP Requirement)
Revocation
1. The Permittee's operating permit may be revoked if the control equipment is not operating.
2. The Permittee's operating permit can be revoked by the Director upon determination that there has been a violation of SIP 445.430 to 445.846, inclusive, or 40 CFR Parts 60 or 61, New Source Performance Standards and National Emissions Standards for Hazardous Air Pollutants.
3. The revocation is effective 10 days after the service of a written notice, and the revoked operating permit shall be surrendered immediately unless a hearing is requested.
- O. NAC 445B.315.3.g Part 70 Program
This Operating Permit does not convey any property rights or any exclusive privilege.
- P. NAC 445B.315.3.h Part 70 Program
The Permittee shall provide the Director, within a reasonable time, with any information that the Director requests in writing to determine whether cause exists for modifying, revoking and reissuing, reopening and revising or terminating this Operating Permit or to determine compliance with the conditions of this Operating Permit.
- Q. NAC 445B.315.3.i Part 70 Program
The Permittee shall pay fees to the Bureau of Air Pollution Control in accordance with the provisions set forth in NAC 445B.327 and 445B.331.
- R. NAC 445B.315.3.j Part 70 Program
Right to Entry
The Permittee shall allow the Bureau of Air Pollution Control staff, upon the presentation of credentials, to:
1. Enter upon the premises of the Permittee where:
a. The stationary source is located;
b. Activity related to emissions is conducted; or
c. Records are kept pursuant to the conditions of this Operating Permit.
2. Have access to and copy, during normal business hours, any records that are kept pursuant to the conditions of this Operating Permit;
3. Inspect, at reasonable times, any facilities, practices, operations, or equipment, including any equipment for monitoring or controlling air pollution, that are regulated or required pursuant to this Operating Permit; and
4. Sample or monitor, at reasonable times, substances or parameters to determine compliance with the conditions of this Operating Permit or applicable requirements.
- S. NAC 445B.315.3.k Part 70 Program
A responsible official of the Permittee shall certify that, based on information and belief formed after reasonable inquiry, the statements made in any document required to be submitted by any condition of this Operating Permit are true, accurate and complete.



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0005 Draft Permit No. AP1041-0739.02

**CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS**

Issued to: BARRICK GOLDSTRIKE MINES, INC., as Permittee

Section I. General Conditions (continued)

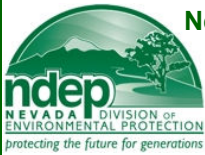
T. 40 CFR 52.21(r)(4) (*Federally Enforceable PSD Program*)

At such time that the Permittee becomes a major stationary source or major modification solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of 40 CFR Part 52.21 paragraphs (j) through (s) of this section shall apply to the source or modification as though construction had not yet commenced on the source or modification.

U. NAC 445B.252 (*State Only Requirement*)

Testing and Sampling

1. To determine compliance with NAC 445B.001 to 445B.3497, inclusive, before the approval or the continuance of an Operating Permit or similar class of permits, the Director may either conduct or order the owner of any stationary source to conduct or have conducted such testing and sampling as the Director determines necessary. Testing and/or sampling must be conducted and the results submitted to the Director within 60 days after achieving the maximum rate of production at which the affected facility will be operated, but not later than 180 days after initial startup of the facility and at such times as may be required by the Director.
2. Tests of performance must be conducted and data reduced in accordance with the methods and procedures of the test contained in each applicable subsection of this section unless the Director:
 - a. Specifies or approves, in specific cases, the use of a method of reference with minor changes in methodology;
 - b. Approves the use of an equivalent method;
 - c. Approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific stationary source is in compliance; or
 - d. Waives the requirement for tests of performance because the owner or operator of a stationary source has demonstrated by other means to the Director's satisfaction that the affected facility is in compliance with the standard.
3. Tests of performance must be conducted under such conditions as the Director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the Director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown, and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard.
4. The owner or operator of an affected facility shall give notice to the Director 30 days before the test of performance to allow the Director to have an observer present. A written testing procedure for the test of performance must be submitted to the Director at least 30 days before the test of performance to allow the Director to review the proposed testing procedures.
5. Each test of performance must consist of at least three separate runs using the applicable method for that test. Each run must be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the runs apply. In the event of forced shutdown, failure of an irreplaceable portion of the sampling train, extreme meteorological conditions, or other circumstances with less than three valid samples being obtained, compliance may be determined using the arithmetic mean of the results of the other two runs upon the Director's approval.
6. All testing and sampling will be performed in accordance with recognized methods as specified by the Director.
7. The cost of all testing and sampling and the cost of all sampling holes, scaffolding, electric power, and other pertinent allied facilities as may be required and specified in writing by the Director must be provided and paid for by the owner of the stationary source.
8. All information and analytical results of testing and sampling must be certified as to their truth and accuracy and as to their compliance with all provisions of these regulations, and copies of these results must be provided to the Director no later than 60 days after the testing or sampling, or both.



BUREAU OF AIR POLLUTION CONTROL

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**CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS**

Issued to: BARRICK GOLDSTRIKE MINES, INC., as Permittee

Section I. General Conditions (continued)

V. SIP 445.682 (Federally Enforceable SIP Requirement)

Testing and Sampling

1. To determine compliance with SIP 445.430 to 445.846, inclusive, prior to approval of or prior to the continuance of an operating permit or similar class of permits, the Director may either conduct or order the owner of any source to conduct or have conducted such testing and sampling as the Director determines necessary. Testing and/or sampling must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility and at such other times as may be required by the Director.
2. Performance tests must be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart unless the Director:
 - a. Specifies or approves, in specific cases, the use of a reference method with minor changes in methodology;
 - b. Approves the use of an equivalent method;
 - c. Approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance; or
 - d. Waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Director's satisfaction that the affected facility is in compliance with the standard.
3. Performance tests shall be conducted under such conditions as the Director shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Director such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of performance tests unless otherwise specified in the applicable standard.
4. The owner or operator of an affected facility shall provide the Director 30 days' prior notice of the performance test to afford the Director the opportunity to have an observer present.
5. Each performance test shall consist of at least three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the runs shall apply. In the event of forced shutdown, failure of an irreplaceable portion of the sampling train, extreme meteorological conditions, or other circumstances with less than two valid samples being obtained, an additional performance test must be conducted.
6. All testing and sampling will be performed in accordance with recognized methods as specified by the Director.
7. The cost of all testing and sampling and the cost of all sampling holes, scaffolding, electric power, and other pertinent allied facilities as may be required and specified in writing by the Director shall be provided and paid for by the owner of the source.
8. All information and analytical results of testing and sampling shall be certified as to their truth and accuracy and as to their compliance with all provisions of these (SIP) regulations and copies of these results must be provided to both the owner and Director.

W. NAC 445B.22067 (State Only Requirement)

Open Burning

The open burning of any combustible refuse, waste, garbage, oil, or for any salvage operations, except as specifically exempted, is prohibited. Specific exemptions from open burning are described in NAC 445B.22067.2.

X. SIP Article 5.1 (Federally Enforceable SIP Requirement)

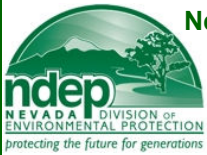
Open Burning

The open burning of any combustible refuse, waste, garbage, oil, or for any salvage operations, except as specifically exempted, is prohibited. Specific exemptions from open burning are described in SIP Articles 5.2, 5.2.1, 5.2.2, 5.2.3, 5.2.4 and 5.2.5.

Y. NAC 445B.22017 (State Only Requirement)

Maximum Opacity of Emissions

1. Except as otherwise provided in this section and NAC 445B.2202 and 445B.22023, no owner or operator may cause or permit the discharge into the atmosphere from any emission unit which is of an opacity equal to or greater than 20 percent. Opacity must be determined by one of the following methods:
 - a. If opacity is determined by a visual measurement, it must be determined as set forth in Reference Method 9 in Appendix A of 40 C.F.R. Part 60.
 - b. If a source uses a continuous monitoring system for the measurement of opacity, the data must be reduced to 6-minute averages as set forth in 40 C.F.R. §§ 60.13(h).
2. The provisions of this section and NAC 445B.2202 and 445B.22023 do not apply to that part of the opacity that consists of uncombined water. The burden of proof to establish the application of this exemption is upon the person seeking to come within the exemption.



BUREAU OF AIR POLLUTION CONTROL

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Section I. General Conditions (continued)

Z. SIP 445.721 (Federally Enforceable SIP Requirement)

Maximum Opacity of Emissions

1. Unless otherwise provided in SIP 445.721 to 445.724, inclusive, the Permittee may not cause or permit the discharge into the atmosphere from any stationary source of any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is of an opacity equal to or greater than 20 percent.
2. SIP 445.721 to 445.724, inclusive does not apply if the presence of uncombined water is the only reason for the failure of an emission to comply with these regulations. The burden of proof to establish the application of this exemption shall be upon the person seeking to come within this exemption.
3. The continuous monitoring system for monitoring opacity at a facility must be operated and maintained by the owner or operator specified in the permit for the facility in accordance with SIP 445.683 to 445.693, inclusive.

AA. NAC 445B.22087 (State Only Requirement)

Odors

The Permittee may not discharge or cause to be discharged, from any stationary source, any material or regulated air pollutant which is or tends to be offensive to the senses, injurious or detrimental to health and safety, or which in any way interferes with or prevents comfortable enjoyment of life or property.

AB. SIP 445.844 (Federally Enforceable SIP Requirement)

Odors

The Permittee may not discharge or cause to be discharged, from any source, any material or air contaminant which is or tends to be offensive to the senses, injurious or detrimental to health and safety, or which in any way interferes with or prevents the comfortable enjoyment of life or property.

AC. NAC 445B.319, 445B.342, 445B.3425 and 445B.344 Part 70 Program

Any changes to this Operating Permit will comply with all provisions established under NAC 445B.319, 445B.342, 445B.3425 and 445B.344.

AD. NAC 445B.3443 Part 70 Program

Renewal of this Operating Permit will be in accordance with NAC 445B.3443.

AE. NAC 445B.22037 (State Only Requirement)

Fugitive Dust

1. The Permittee may not cause or permit the handling, transporting, or storing of any material in a manner which allows or may allow controllable particulate matter to become airborne.
2. Except as otherwise provided in subsection 4, the Permittee may not cause or permit the construction, repair, demolition, or use of unpaved or untreated areas without first putting into effect an ongoing program using the best practical methods to prevent particulate matter from becoming airborne. As used in this subsection, "best practical methods" includes, but is not limited to, paving, chemical stabilization, watering, phased construction, and revegetation.
3. Except as provided in subsection 4, the Permittee may not disturb or cover 5 acres or more of land or its topsoil until The Permittee has obtained an Operating Permit for surface area disturbance to clear, excavate, or level the land or to deposit any foreign material to fill or cover the land.
4. The provisions of subsections 2 and 3 do not apply to:
 - a. Agricultural activities occurring on agricultural land; or
 - b. Surface disturbances authorized by a permit issued pursuant to NRS 519A.180 which occur on land which is not less than 5 acres or more than 20 acres.

AF. SIP 445.734 (Federally Enforceable SIP Requirement)

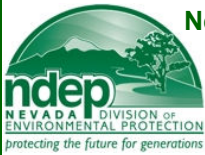
Fugitive Dust

1. The Permittee may not cause or permit the handling, transporting or storing of any material in a manner which allows or may allow controllable particulate matter to become airborne.
2. In any area designated by the Director, The Permittee shall not cause or permit the construction, repair, demolition or use of unpaved or untreated areas without first applying all such measures required by the Director to prevent particulate matter from becoming airborne.
3. The Permittee may not disturb or cover 20 acres (8 hectares) or more of land or its topsoil, other than agricultural land, until he has obtained a registration certificate or operating permit for the purpose of clearing, excavating or leveling the land or any foreign material to fill or cover the land.

AG. NAC 445B.308 (State Only Requirement)

RESERVED

*******End of General Conditions*******



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0005 Draft Permit No. AP1041-0739.02
CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS

Issued to: BARRICK GOLDSTRIKE MINES, INC., as Permittee

Section II. General Construction Conditions

A. NAC 445B.250 (State Only Requirement)

Notification

The Director will be notified in writing of the following:

1. The date construction (or reconstruction as defined under NAC 445B.247) of the affected facility is commenced, postmarked no later than 30 days after such date.
2. The anticipated date of initial startup of an affected facility, postmarked no more than 60 days and no less than 30 days prior to such date.
3. The actual date of initial startup of the affected facility, postmarked within 15 days after such date.

B. SIP Article 2.16 (Federally Enforceable SIP Requirement)

Notification and Record keeping

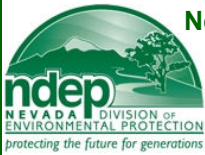
1. Any owner or operator subject to the provisions of this part shall furnish the Director written notification as follows: (SIP Article 2.16.1)
2. SIP Article 2.16.1.1 - A notification of the date construction (or reconstruction as defined under 2.15) of an affected facility is commenced postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
3. SIP Article 2.16.1.2 - A notification of the anticipated date of initial startup of an affected facility postmarked no more than 60 days and no less than 30 days prior to such date.
4. SIP Article 2.16.1.3 - A notification of the actual date of initial startup of an affected facility postmarked within 15 days after such date.

C. NAC 445B.3366 Part 70 Program

Expiration

This Operating Permit expires if construction is not commenced within 18 months after the date of issuance thereof or construction of the facility is delayed for 18 months after initiated.

*******End of General Construction Conditions*******



BUREAU OF AIR POLLUTION CONTROL

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CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS

Issued to: **BARRICK GOLDSTRIKE MINES, INC.,** as Permittee

Section III. General Operating Conditions

A. NAC 445B.227 Part 70 Program

Facilities Operation

The Permittee may not:

1. Operate a stationary source of air pollution unless the control equipment for air pollution which is required by applicable requirements or conditions of this Operating Permit is installed and operating.
2. Disconnect, alter, modify or remove any of the control equipment for air pollution or modify any procedure required by an applicable requirement or condition of this Operating Permit.

B. NAC 445B.232 (State Only Requirement)

Excess Emissions

1. Scheduled maintenance or testing or scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3497, inclusive, must be approved by the Director and performed during a time designated by the Director as being favorable for atmospheric ventilation.
2. The Director must be notified in writing of the time and expected duration at least 24 hours in advance of any scheduled maintenance which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3497, inclusive.
3. The Director must be notified in writing or by telephone of the time and expected duration at least 24 hours in advance of any scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3497, inclusive.
4. The Director must be notified of any excess emissions within 24 hours after any malfunction or upset of the process equipment or equipment for controlling pollution or during startup or shutdown of such equipment. The telephone number for the notification is (775) 687-9350.
5. The Permittee, as the owner or operator of an affected facility, shall provide the Director, within 15 days after any malfunction, upset, startup, shutdown, or human error which results in excess emissions, sufficient information to enable the Director to determine the seriousness of the excess emissions. The information must include at least the following:
 - a. The identity of the stack or other point of emission, or both, where the excess emissions occurred.
 - b. The estimated magnitude of the excess emissions expressed in opacity or in units of the applicable limitation on emission and the operating data and methods used in estimating the magnitude of the excess emissions.
 - c. The time and duration of the excess emissions.
 - d. The identity of the equipment causing the excess emissions.
 - e. If the excess emissions were the result of a malfunction, the steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of the malfunction.
 - f. The steps taken to limit the excess emissions.
 - g. Documentation that the equipment for controlling air pollution, process equipment, or processes were at all times maintained and operated, to a maximum extent practicable, in a manner consistent with good practice for minimizing emissions.

C. SIP 445.667 (Federally Enforceable SIP Requirement)

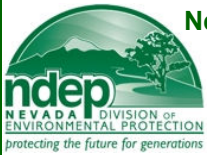
Excess Emissions: Scheduled Maintenance; Testing; Malfunction

1. Scheduled maintenance or testing approved by the Director or repairs which may result in excess emissions of air contaminants prohibited by SIP 445.430 to 445.846, inclusive, must be performed during a time designated by the Director as being favorable for atmospheric ventilation.
2. The Director shall be notified in writing on the time and expected duration at least 24 hours in advance of any scheduled maintenance or repairs which may result in excess emissions of air contaminants prohibited by SIP 445.430 to 445.846, inclusive.
3. The Director must be notified within 24 hours after any malfunction, breakdown or upset of process or pollution control equipment or during startup of such equipment. Phone (775) 687-9350.
4. The owner or operator of an affected facility shall provide the Director, within 15 days after any malfunction, breakdown, upset, startup or human error sufficient information to enable the Director to determine the seriousness of the excess emissions. The submission must include as a minimum:
 - a. The identity of the stack and/or other emission point where the excess emission occurred.
 - b. The estimated magnitude of the excess emissions expressed in opacity or in the units of the applicable emission limitation and the operating data and methods used in estimating the magnitude of the excess emissions.
 - c. The time and duration of the excess emissions.
 - d. The identity of the equipment causing the excess emissions.
 - e. If the excess emissions were the result of a malfunction, steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of the malfunctions.
 - f. The steps taken to limit the excess emissions.
 - g. Documentation that the air pollution control equipment, process equipment or processes were at all times maintained and operated, to a maximum extent practicable, in a manner consistent with good practice for minimizing emissions.

D. SIP Article 2.5.4 (Federally Enforceable SIP Requirement)

1. Breakdown or upset, determined by the Director to be unavoidable and not the result of careless or marginal operations, shall not be considered a violation of these regulations.

*******End of General Operating Conditions*******



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0005 Draft Permit No. AP1041-0739.02

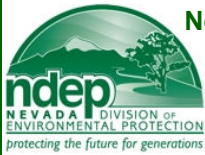
**CLASS I AIR QUALITY OPERATING PERMIT
GENERAL REQUIREMENTS**

Issued to: BARRICK GOLDSTRIKE MINES, INC., as Permittee

Section IV. Federal Regulations and Applicable Requirements

- A. The following provisions are applicable requirements of this Operating Permit:
1. The Permittee will comply with all applicable provisions of:
 - a. 40 CFR Part 60.1 - 60.19 - Standards of Performance for New Stationary Sources - General Provisions;
 - b. 40 CFR Part 61.01 - 61.19 - National Emission Standards for Hazardous Air Pollutants - General Provisions;
 - c. 40 CFR Part 61.140 - 61.157 - National Emission Standard for Asbestos;
 - d. 40 CFR Part 63.1 - 63.15 - National Emission Standards for Hazardous Air Pollutants for Source Categories - General Provisions;
 - e. 40 CFR Part 70 - State Operating Permit Programs.
 2. This provision is applicable if the Permittee is subject to 40 CFR Part 68 - Chemical Accident Prevention Provisions. The Permittee shall submit a risk management plan (RMP) by June 21, 1999, or other dates specified in 40 CFR 68.10. The Permittee shall certify compliance with these requirements as part of the annual compliance certification as required by 40 CFR Part 70.
 3. This provision is applicable if the Permittee is subject to 40 CFR Part 82. The Permittee will comply with all provisions of 40 CFR Part 82. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156. Equipment used during maintenance, service, repair, or disposal of appliances must meet the standards for recycling and recovery equipment in accordance with 40 CFR 82.158. Persons performing maintenance, service, repair or disposal of appliances must be certified by a certified technician pursuant to 40 CFR 82.161.

*******End of Federal Regulations and Applicable Requirements*******



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0005 Draft Permit No. AP1041-0739.02
CLASS I AIR QUALITY OPERATING PERMIT
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Section V. General Monitoring, Recordkeeping, and Reporting Requirements

A. NAC 445B.315.3.(b) Part 70 Program

The Permittee shall retain records of all required monitoring data and supporting information for 5 years from the date of the sample collection, measurement, report or analysis. Supporting information includes, but is not limited to, all records regarding calibration and maintenance of the monitoring equipment and all original strip-chart recordings for continuous monitoring instrumentation.

B. NAC 445B.3405.1.(d) Part 70 Program

The Permittee will record:

1. Monitoring information required by the conditions of this permit including the date, the location and the time of the sampling or the measurements and the operating conditions at the time of the sampling or measurements; and
2. The date on which the analyses were performed, the company that performed them, the analytical techniques that the company used, and the results of such analyses.

C. NAC 445B.3405.1.(e) Part 70 Program

The Permittee will:

1. Promptly report to the Director all deviations from the requirements of this Operating Permit; and
2. Report to the Director the probable cause of all deviations and any action taken to correct the deviations. For this Operating Permit, prompt is defined as submittal of a report within 15 days of the deviation. This definition does not alter any reporting requirements as established for reporting of excess emissions as required under NAC 445B.232 and under **Section III.B** of this permit, or for reporting of an emergency (as defined by NAC 445B.326) under **Section I.I.** of this permit; and
3. Submit reports of any required monitoring every 6 months, within 8 weeks after June 30 and December 31 of each calendar year. The reports must contain a summary of the data collected as required by all monitoring, recordkeeping and compliance requirements and as specified in sections **VI** and **VII** of this operating permit.

D. NAC 445B.315.3.(h) Part 70 Program

The Permittee will submit yearly reports including, but not limited to, throughput, production, fuel consumption, hours of operation, and emissions. These reports will be submitted on the form provided by the Bureau of Air Pollution Control for all emission units/systems specified on the form. The completed form must be submitted to the Bureau of Air Pollution Control no later than March 1 annually for the preceding calendar year, unless otherwise approved by the Bureau of Air Pollution Control.

E. NAC 445B.3405.1.(j) Part 70 Program

1. The Permittee will submit a compliance certification for all applicable requirements, reflecting the terms and conditions of the permit, to the Administrator of the Division of Environmental Protection and the Administrator of USEPA annually, on or before March 1 for the preceding calendar year. The compliance certification must include:
 - a. An identification of each term or condition of the Operating Permit that is the basis of the certification;
 - b. The status of the stationary source's compliance with any applicable requirement;
 - c. A statement of whether compliance was continuous or intermittent;
 - d. The method used for determining compliance; and
 - e. Any other facts the Director determines to be necessary to determine compliance.

F. SIP 445.692 (Federally Enforceable SIP Requirement)

Monitoring systems: Records; reports

The Permittee as the owner or operator subject to the provisions of NAC 445.683 to 445.693, inclusive, shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility and any malfunction of the air pollution control equipment or any periods during which a continuous monitoring system or monitoring device is inoperative.

G. NAC 445B.063 State-Only Requirement

The Department may use any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed, to determine excess emissions.

*******End of General Monitoring and Recordkeeping Conditions*******